CLAIMS

1   1. A method for determining a domain of definition (DOD) in a warped

2   image, the warped image formed from an original image, each pixel of the warped

3   image having a displacement from a corresponding pixel in the original image, the

4   original image restricted by a border, the method comprising:

5   for each of a plurality of directions:

6   determining a maximum displacement in the direction by a pixel

7   in the warped image;

8   determining a new DOD for the warped image, the new DOD for the warped

9   image corresponding to a DOD in the original image and displaced in

10   each of the plurality of directions by the determined maximum

11   displacement.

1   2. The method of claim 1 wherein the plurality of directions include up,

2   down, left and right.

1   3. A method for determining a domain of definition (DOD) in a warped

2   image, the warped image formed from an original image, each pixel of the warped

3   image having a displacement from a corresponding pixel in the original image, the

4   original image unrestricted by a border, the method comprising:

5   determining an original DOD associated with the original image;

6   for each pixel located along the original DOD, determining a location of a

7   corresponding pixel in the warped image;

8   determining a displacement of the pixel in the warped image from its

9   corresponding pixel in the original image;

11

10   for each of a plurality of directions, determining a maximal displacement

11   value of a pixel in that direction;

12   determining a new DOD for the warped image, the new DOD for the warped

13   image corresponding to a DOD in the original image and displaced in

14   each of the plurality of directions by the determined maximal

15   displacement value.

1   4. The method of claim 3 wherein the plurality of directions include up,

2   down, left and right.